

Title (en)

End cap with an integral flow diverter

Title (de)

Verschluss mit integriertem Stromumlenker

Title (fr)

Bouchon de fermeture avec divertisseur de flux intégré

Publication

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Application

EP 04077953 A 20041026

Priority

US 69632403 A 20031029

Abstract (en)

An end cap (30) closes the open end (26) of the tank (18) . The end cap (30) is comprised of an inlet diverter wall (32) and tube diverter wall (34) . The inlet diverter wall (32) extends into the tank (18) across the inlet axis (28) for redirecting fluid from the inlet (38) and longitudinally into the tank (18) along the end of the core (12) . The tube diverter wall (34) also extends longitudinally into the tank (18) in a spaced relationship to the tubes (16) of the core (12) for directing fluid out of the tubes (16) and longitudinally into the tank (18) . A first embodiment of the invention provides tube diverter walls (32, 34) that are planar. A second embodiment of the invention provides tube diverter walls (32, 34) that are curved.

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CPC (source: EP US)

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